

To: Griswold, Hays[Griswold.Hays@epa.gov]
From: Bob Heeter
Sent: Wed 9/9/2015 3:56:44 PM
Subject: FW: Guide lines for Silverton project
[removed.txt](#)
[image002.jpg](#)
[image003.jpg](#)

Hays, here is the latest string of communications with Thiessen, Jessica, below is our contact her number is below.

Thanks
Bob

From: Jacob Greenman
Sent: Tuesday, September 08, 2015 5:23 PM
To: Jessica Florence
Cc: Bob Heeter
Subject: RE: Guide lines for Silverton project

Thank you, I do not believe I have seen a data sheet on the fly ash either.

Jacob Greenman

[cid:image001.jpg@01D0EA52.ABCFE210]
HARRISON WESTERN CONSTRUCTION CORPORATION
1208 Quail Street
Lakewood, Colorado 80215
C (970) 697.9611
T (303) 234.0273 x271
F (303) 237.9868 | www.harrisonwestern.com<<http://www.harrisonwestern.com/>>

From: Jessica Florence [mailto:jflorence@thiessenteam.com]
Sent: Tuesday, September 08, 2015 3:54 PM
To: Jacob Greenman
Cc: Bob Heeter
Subject: RE: Guide lines for Silverton project

We do not have any silica fume in stock, so just waiting on current pricing on that. We have sent you all of the data sheets except for Silica Fume and Accelerator, which I will send you shortly, along with the adjusted mix design.

Thanks-

Jessica Florence
Thiessen Team USA, Inc.
1840 Sharps Access Road Elko, NV 89801
Office: 775-777-1205
Mobile: 775-340-4117
Fax: 775-777-1215
Web: www.thiessenteam.com<<http://www.thiessenteam.com/>>
[cid:image002.jpg@01D0EA52.ABCFE210]<<http://www.thiessenteam.com/>>

From: Jacob Greenman [mailto:jgreenman@harwest.com]
Sent: Tuesday, September 08, 2015 1:34 PM
To: Jessica Florence
Cc: Bob Heeter
Subject: RE: Guide lines for Silverton project

Let me see if I can find a different address. What is the word on the mix design and product data?

Thanks,
Jacob Greenman

[cid:image001.jpg@01D0EA52.ABCFE210]
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From: Jessica Florence [mailto:jflorence@thiessenteam.com]
Sent: Tuesday, September 08, 2015 2:26 PM
To: Jacob Greenman
Subject: RE: Guide lines for Silverton project

Jacob,

The machine and spares below will be shipped via UPS Freight. What is the address for shipping? I cannot use the info below.

Thanks-

Jessica Florence
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Web: www.thiessenteam.com<<http://www.thiessenteam.com/>>
[cid:image002.jpg@01D0EA52.ABCFE210]<<http://www.thiessenteam.com/>>

From: Jacob Greenman [mailto:jgreenman@harwest.com]
Sent: Friday, September 04, 2015 9:08 AM
To: Jessica Florence
Cc: jschumacher@thiessenteam.com<mailto:jschumacher@thiessenteam.com>; Bob Heeter
Subject: RE: Guide lines for Silverton project

Jessica,

Please use PO# 20-15-220 for the following:

Aliva 246.5 air powered shotcrete plant
8 - 3" snap clamps for 2" shotcrete hose
4 - 2" shotcrete hose x 50' CW 2 ends
1 - 2" shotcrete hose CW end and nozzle body
1 - 38" low rebound nozzle
2 - extra water rings for nozzle

For delivery to Gold King Mine Direction below:

Go past the Silverton Mountain Ski Resort (6226 State Hwy 110, Silverton, CO 81433) 1.2 miles. Drive just past the Colorado Gold Fields, there will be a Warehouse on the right and a station there that can radio for a forklift to unload.

Jacob Greenman

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From: Jessica Florence [mailto:jflorence@thiessenteam.com]
Sent: Thursday, September 03, 2015 12:04 PM
To: Jacob Greenman
Cc: jschumacher@thiessenteam.com<mailto:jschumacher@thiessenteam.com>
Subject: RE: Guide lines for Silverton project

Hi Jacob,

The mix design will be the same for the non-fiber mix, less the fiber. We use a Type II-V cement, which meet all of the Type V specifications. Please see attached data sheet for the fiber.

Thank you-

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From: Jacob Greenman [mailto:jgreenman@harwest.com]
Sent: Thursday, September 03, 2015 10:05 AM
To: Jessica Florence
Cc: jschumacher@thiessenteam.com<mailto:jschumacher@thiessenteam.com>
Subject: RE: Guide lines for Silverton project

Would the non-fiber mix be the same proportions minus the fiber then? I also do not see anything calling

out the use of type V cement, I would also like a cut sheet on the fiber that is used as well.
I know the engineer is going to ask.

Thanks,
Jacob Greenman

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From: Jessica Florence [mailto:jflorence@thiessenteam.com]
Sent: Thursday, September 03, 2015 10:04 AM
To: Jacob Greenman
Cc: jschumacher@thiessenteam.com<mailto:jschumacher@thiessenteam.com>
Subject: RE: Guide lines for Silverton project

Hi Jacob,

Here is the mix design and data sheet is attached. Quote for the pump accessories will follow shortly:

1325-00010

Cement

800

1325-30020

Poly Fiber

8

1330-GRAVEL

3/8 Pea Gravel

520

1330-SAND

Reg Sand

2051

Thank you-

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From: James Schumacher [mailto:jschumacher@thiessenteam.com]
Sent: Thursday, September 03, 2015 8:00 AM
To: Jessica Florence
Subject: FW: Guide lines for Silverton project

James Schumacher
Sales & Operations Manager
Thiessen Team USA, Inc.
1840 Sharps Access Road Elko, NV 89801
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Mobile: 775-340-4378
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Web: www.thiessenteam.com<<http://www.thiessenteam.com/>>
[cid:image003.jpg@01D0EA52.ABCFE210]

From: Jacob Greenman [mailto:jgreenman@harwest.com]
Sent: Thursday, September 03, 2015 6:18 AM
To: James Schumacher

Subject: RE: Guide lines for Silverton project

I really need to see the mix designs before I can do anything to make sure the engineer gives their blessing. Can you also include 200' of placement hose, with clamps, on the nozzle can we get a couple extra water rings as well.

Jacob Greenman

[cid:image001.jpg@01D0EA52.ABCFE210]
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From: James Schumacher [mailto:jschumacher@thiessenteam.com]
Sent: Wednesday, September 02, 2015 5:22 PM
To: Jacob Greenman; Jessica Florence
Subject: RE: Guide lines for Silverton project

Jacob,

We do not have a predampener available at this time. The 246 could be shipped by the end of the week and the shotcrete possibly by the end of the week depending on trucking. I would think you should see everything there by the end of next week.

James

James Schumacher
Sales & Operations Manager
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[cid:image003.jpg@01D0EA52.ABCFE210]

From: Jacob Greenman [mailto:jgreenman@harwest.com]
Sent: Wednesday, September 02, 2015 2:09 PM
To: Jessica Florence
Cc: James Schumacher
Subject: RE: Guide lines for Silverton project

Could you also quote a predampener for the shotcrete plant as well. And do you have the quoted pump ready to come out? We will be ready for shotcrete by the end of this week, since this is an EPA emergency project we are trying to get this done as quickly as we can.

Jacob Greenman

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From: Jessica Florence [mailto:jflorence@thiessenteam.com]
Sent: Wednesday, September 02, 2015 10:07 AM
To: Jacob Greenman
Cc: jschumacher@thiessenteam.com<<mailto:jschumacher@thiessenteam.com>>
Subject: RE: Guide lines for Silverton project

Good Morning Jacob,

Please see attached quotation and let us know if you have any questions.

Thank you-

Jessica Florence
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[cid:image002.jpg@01D0EA52.ABCFE210]<<http://www.thiessenteam.com/>>

From: Jacob Greenman [mailto:jgreenman@harwest.com]
Sent: Thursday, August 27, 2015 2:03 PM
To: James Schumacher
Subject: Guide lines for Silverton project

Below are the guidelines for the Gold King Mine Project. We would also be looking at either renting or purchasing the equipment need for this project we will be stationed about 200 feet from the shotcrete application point. Let me know if anything looks like it needs changed, since this is a quick project I would like to be able to get any mix design issues sorted out with the engineers as quickly as we can. Feel free to contact me with any questions.

- Cement: ASTM C150 Type V. ASTM C150 Type II may be used if it meets the optional sulfate resistance requirement for Type V. This would require a mortar bar test per ASTM C452 and should be available from the cement supplier.
- Aggregate: ACI 506 Gradation 2 (3/8") meeting ASTM C33 requirements
- Clean, potable mixing water
- Chemical mixtures conforming to ASTM C-494 or C1141.
- Air entraining admixtures conforming to ASTM C-260 or C1141 proportioned to provide an in-place air content of 4-6%

- Fly ash and pozzolanic materials conforming to ASTM C- 618 class F or C.
- Silica fume conforming to ASTM C-1240 at a rate of 10-15% of the mass of cementitious materials
- Macrosynthetic fibers ASTM C1116 Type III at 15-25lb/cy. No steel fibers
- No fibers in shotcrete layer with mesh
- Accelerator approved by shotcrete mix designer to be compatible with cement and all admixtures proposed.
- Minimum compressive strength 5000 psi

Jacob Greenman

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Checked by AVG - www.avg.com<<http://www.avg.com>>
Version: 2015.0.6086 / Virus Database: 4409/10550 - Release Date: 08/31/15
No virus found in this message.
Checked by AVG - www.avg.com<<http://www.avg.com>>
Version: 2015.0.6086 / Virus Database: 4409/10569 - Release Date: 09/03/15
No virus found in this message.
Checked by AVG - www.avg.com<<http://www.avg.com>>
Version: 2015.0.6086 / Virus Database: 4409/10569 - Release Date: 09/03/15

No virus found in this message.
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Checked by AVG - www.avg.com<<http://www.avg.com>>
Version: 2015.0.6086 / Virus Database: 4409/10599 - Release Date: 09/08/15